

Table 1. Number of abstracts identified in the Medline and EmBase search, total number of abstracts reviewed, number of papers reviewed, final number selected for the evidence tables by question

Question	Number of Medline Abstracts	Number of EmBase Abstracts	Total Number of Abstracts	Number of Papers Reviewed	Final Number of Papers in Tables
1. <Age 6 and SES	312	163	475	59	46
2. Ages 6-11 and SES	338	7	345	59	45
3. Ages 12-17 and SES	258	29	287	20	15
4. Ages 18-64 and SES	269	58	327	29	24
5. Ages 65+ and SES	151	39	190	23	14
6. Ages <18 and tooth brushing	777	33	810	93	72
7. Ages 18+ and tooth brushing	244	90	334	22	14
8. Baby bottle use and caries	352	18	370	53	42
Total	2701	437	3138	358	272

Table 2. Quality Rating Scoring System	
Category	Score
Study Design	
Ecological study	1
Cross-sectional survey	2
Retrospective case control	3
Longitudinal cohort	4
Randomized control trial	5
Recruitment	
Random selection	2
Other, but well described	1
Not reported	0
Response Rate (at baseline)	
>60%	2
<60%	1
Not reported	0
Response Rate at Follow-up	
<20% per year	2
>20% per year	1
Not reported	0
Training of Examiners	
Yes, described	2
Yes, not described	1
No or not reported	0
Reliability of Examiners	
Reliability assessed and statistics reported	2
Reliability assessed, but statistics not reported	1
Not reported	0

Caries Diagnostic Criteria	
Described	1
Not reported	0
SES Measure	
More than one measure of SES	2
One measure of SES	1
Tooth Brushing Measure	
Self-reported frequency, only	1
Clinical oral hygiene index, only	1
Both	2
Frequency of Feeding	
Yes, reported	1
No, not reported	0
Bottle to Bed	
Yes, reported	1
No, not reported	0
Contents of Bottle	
Contents reported	1
Contents not reported	0
Age at Weaning or Duration of Bottle Use	
Yes, reported	1
Not reported	0
Information on Breastfeeding	
Yes, reported	1
Not reported	0
Confounders Adjusted for in the Analyses	
Yes	1
Not Reported	0

Table 3. Question and information about number of studies reviewed, number of studies conducted in the United States, mean (sd) quality rating* and percent with multivariate analyses.

Question	Number of Studies Reviewed	Number of Studies in the United States	Mean (sd) Quality Rating	Percent with Multivariate Analysis
1. <Age 6 and SES	46	7	8.8 (2.7)	59%
2. Ages 6-11 and SES	45	15	9.2 (3.4)	60%
3. Ages 12-17 and SES	15	6	8.6 (2.5)	67%
4. Ages 18-64 and SES	24	7	9.5 (2.9)	55%
5. Ages 65+ and SES	14	9	8.9 (3.4)	40%
6. Ages <18 and tooth brushing	72	5	8.6 (2.5)	69%
7. Ages 18+ and tooth brushing	14	1	8.3 (1.7)	93%
8. Baby bottle use and caries	42	11	8.3 (2.2)	26%
Total	272	61		

*Mean quality rating for questions 1-7 can range from 1-19 and question 8 can range from 1-22.